



STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene
300 W. Preston Street, Suite 202, Baltimore, Maryland
21201

Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – Joshua M. Sharfstein, M.D., Secretary

Office of Preparedness & Response

Sherry Adams, R.N., C.P.M., Director

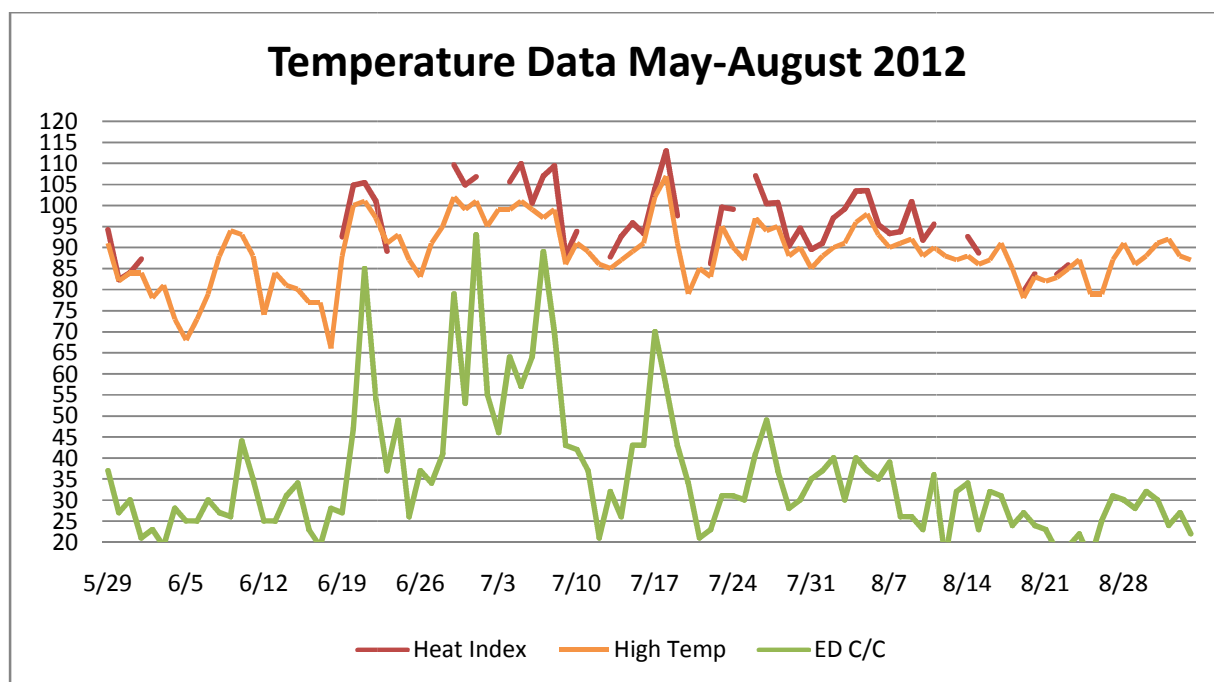
Isaac P. Ajit, M.D., M.P.H., Deputy Director

2012 Heat-related Illness Surveillance Report

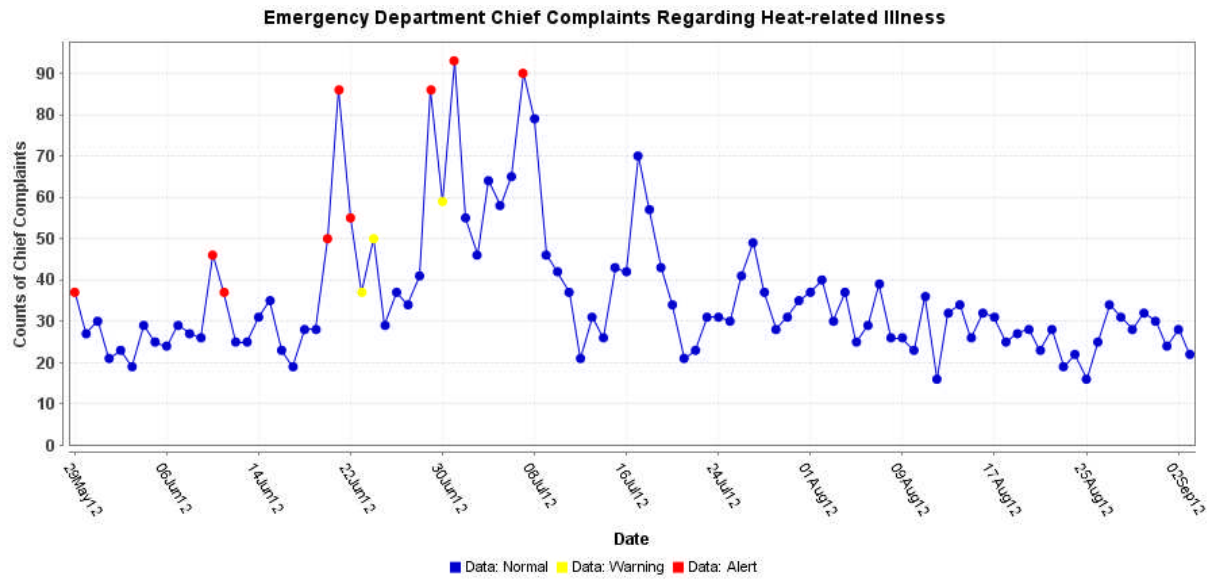
May 21st, 2012

Reporting for 05/29/12 through 09/03/12

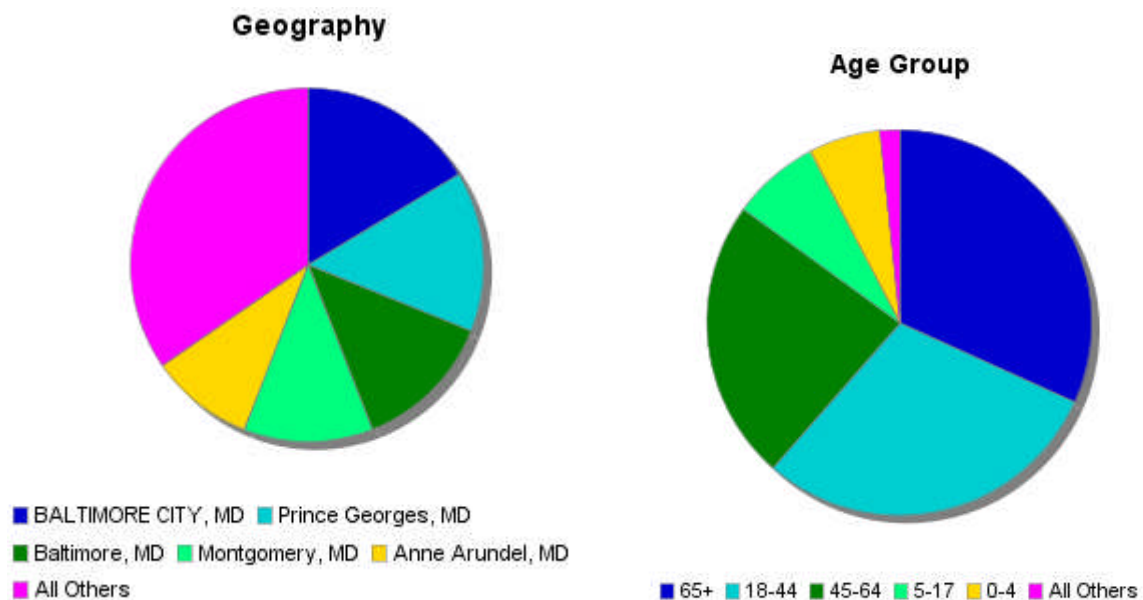
Total Heat Advisory Days: 15 (June = 4, July = 11)



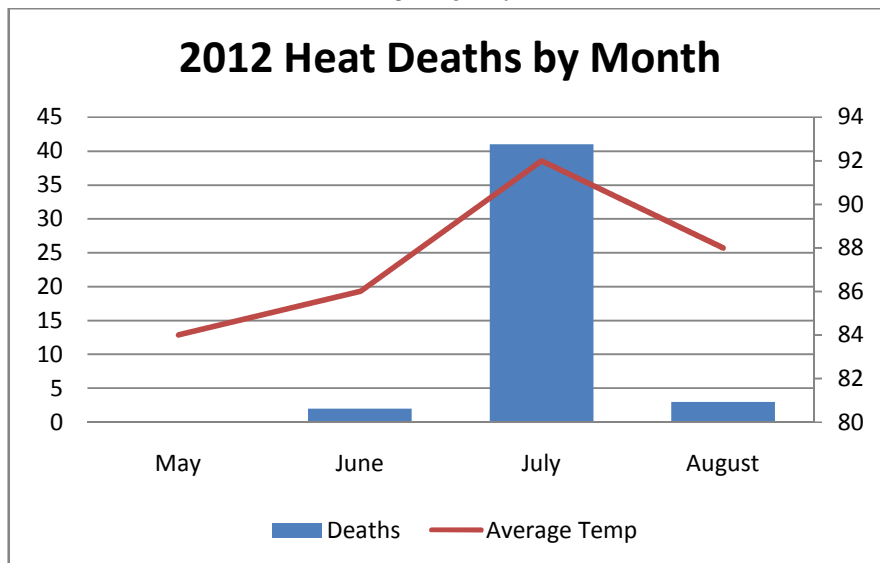
Note: Heat indices can only be calculated with a temperature above 80°F and humidity over 43%



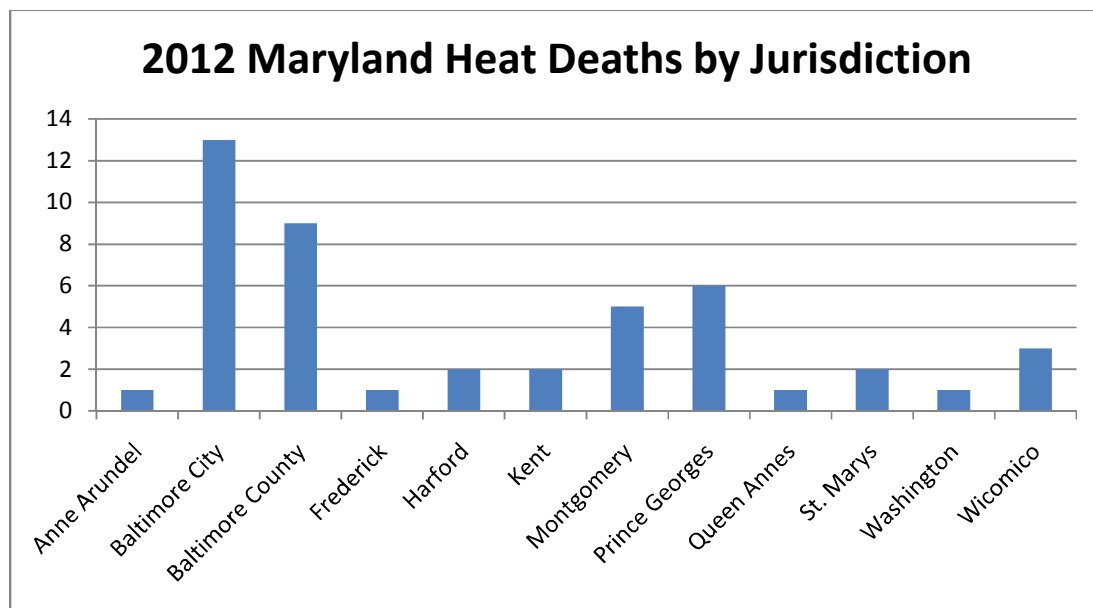
Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illness for May 27 – September 5, 2011



There were a total of 46 heat-related deaths in Maryland during the summer of 2012.



Note: The majority of deaths occurred during the Derecho event in early July.



Heat Advisory Criteria: A Heat Advisory is defined as a day where the heat index is values of 105°F or greater. Criteria are based on National Weather Service guidelines.¹

¹ NWS Heat Index Chart: http://www.weather.gov/om/heat/images/heat_index.png

Note: The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat.

Prepared by: Zachary Faigen, MSPH
Biosurveillance Epidemiologist
Office of Preparedness and Response
Maryland Department of Health & Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201
Office: 410-767-6745
Fax: 410-333-5000
Email: ZFaigen@dhmh.state.md.us

Joseph H. Anelli
Special Projects Coordinator
Office of Preparedness and Response
Maryland Department of Health and Mental Hygiene
300 W. Preston Street, Suite 202
Baltimore, MD 21201
Office: 410.767.6201
Email: JAnelli@dhmh.state.md.us